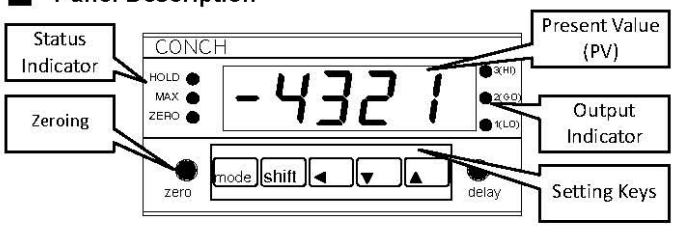
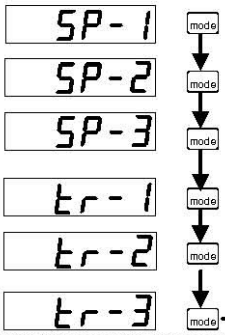
Panel Description



Settings

To Set Comparing Value and Delay Time, press "mode" to activate.

(Different models or output modes apply different settings, e.g. the setting below does not apply to VU-50 Kxxxxx.)*



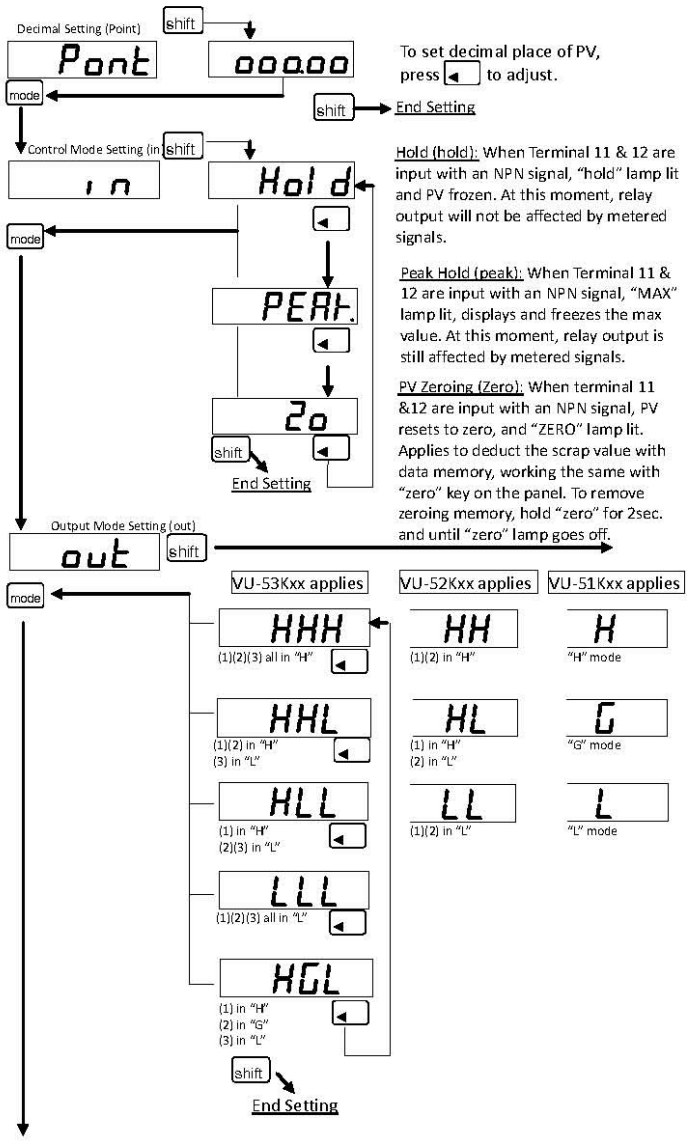
Output Value Setting: (SP-1, SP-2,SP-3)
When PV meets the output condition, relay makes output. (Output mode is programmable.) Press [shift] to start setting.

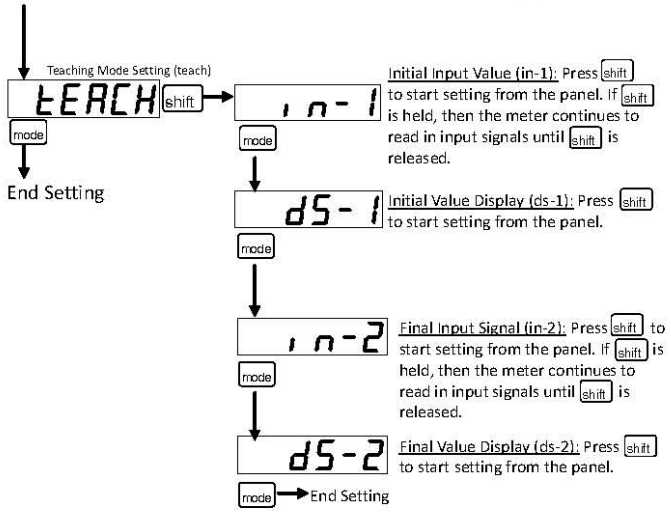
RELAY Output Delay Time: (tr1,tr2,tr3)
Out1, Out2, Out3 output after a delay time.
Range: 0.1 - 9.9sec. Press "shift" to adjust.

[mode] End Setting

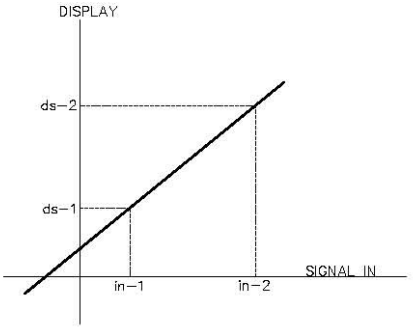
Forced Zero, Hold, Peak Hold, Output Mode, Teaching Mode, Decimal Setting

(Hold [mode] for 3sec. to activate settings.)


Decimal Setting (Point)
shift
Pont
00.00
mode
shift
End Setting
To set decimal place of PV, press ◄ to adjust.
Control Mode Setting (in
in
Hold
Hold (hold): When Terminal 11 & 12 are input with an NPN signal, "hold" lamp lit and PV frozen. At this moment, relay output will not be affected by metered signals.
PEAK
Peak Hold (peak): When Terminal 11 & 12 are input with an NPN signal, "MAX" lamp lit, displays and freezes the max value. At this moment, relay output is still affected by metered signals.
2o
PV Zeroing (Zero): When terminal 11 &12 are input with an NPN signal, PV resets to zero, and "ZERO" lamp lit. Applies to deduct the scrap value with data memory, working the same with "zero" key on the panel. To remove zeroing memory, hold "zero" for 2sec. and until "zero" lamp goes off.
End Setting
Output Mode Setting (out)
out
VU-53Kxx applies
VU-52Kxx applies
VU-51Kxx applies
HHH
(1)(2)(3) all in "H"
HH
(1)(2) in "H"
H
"H" mode
HHL
(1)(2) in "H"
(3) in "L"
HL
(1) in "H"
(2) in "L"
G
"G" mode
HLL
(1) in "H"
(2)(3) in "L"
LL
(1)(2) in "L"
L
"L" mode
LLL
(1)(2)(3) all in "L"
HGL
(1) in "H"
(2) in "G"
(3) in "L"
End Setting

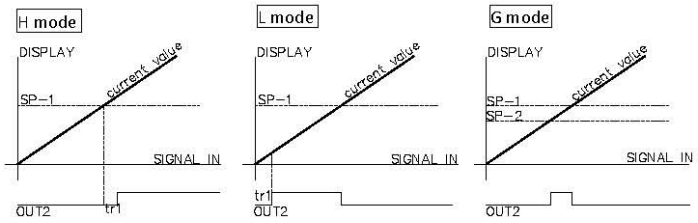

Teaching Mode Setting (teach)
tEACH
shift
mode
End Setting
in-1
Initial Input Value (in-1): Press [shift] to start setting from the panel. If [shift] is held, then the meter continues to read in input signals until [shift] is released.
ds-1
Initial Value Display (ds-1): Press [shift] to start setting from the panel.
in-2
Final Input Signal (in-2): Press [shift] to start setting from the panel. If [shift] is held, then the meter continues to read in input signals until [shift] is released.
ds-2
Final Value Display (ds-2): Press [shift] to start setting from the panel.
End Setting

Teaching Curve

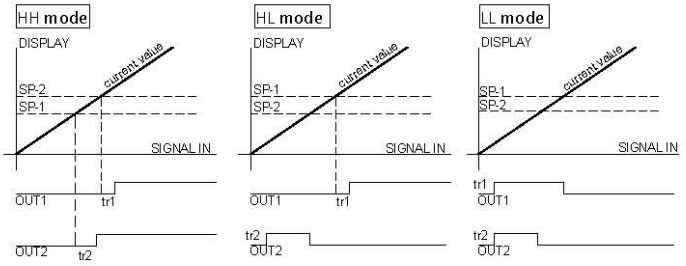


Output Curve

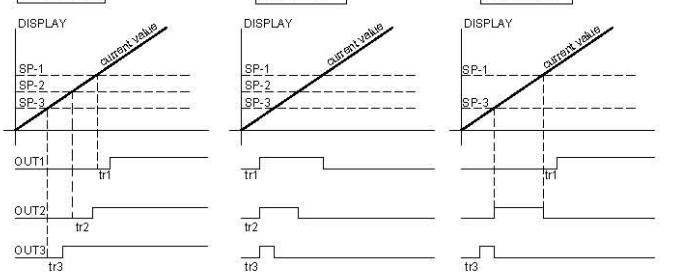
VU-51Kxx applies



VU-52xx applies



VU-53Kxx applies

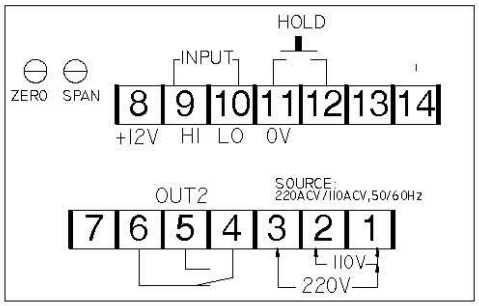


■ Specification

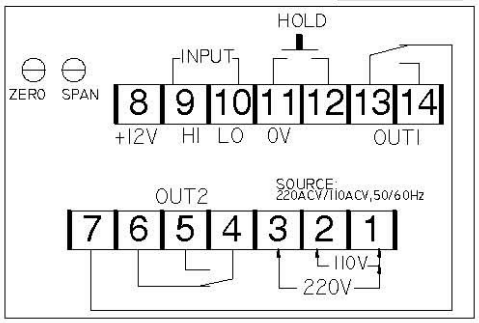
Model No.	(I)VU-50Kxxxx	(I)VU-51Kxxxx	(I)VU-52Kxxxx	(I)VU-53Kxxxx
Power Supply	AC 110V /220V，60/50Hz ±10%			
Power Consumption	8VA Max.			
Display Range	-19999 ~ 19999			
Input Control	(Terminal 11,12) NPN input			
Input Type	DC Voltage (VU-5XKDC□□) 00=0~100Mv,01=0~199.99Mv,02=0~1.9999V,03=0~19.999V, 04=0~199.99v。			
	AC Voltage (VU-5XKAC□□) 00=0~1.9999v,01=0~19.999v,02=0~60v,03=0~199.99v 04=0~600v。			
	DC Current (IU-5XKDC□□) 00=0~40mA,01=0~199.99mA,02=0~1.9999A, 03=0~5A			
	AC Current (IU-5XKAC□□) 00=0~199.99mA,01=0~1.9999A,02=0~5A			
Contact Output 5A,240VAC (p.f=1)	N/A	A, B Contact 1set	A, B Contact 2sets	A Contact 3sets
Output Range	N/A	-19999 ~ 19999	-19999 ~ 19999	-19999 ~ 19999
Aux. Power	+12v，80mA MAX.			
Operating Temp.	-10 to 55℃ with no icing			
Storage Temp.	-25 to 65℃ with no icing			
Relative Humidity	35% to 85% RH			

■ Wiring Diagram

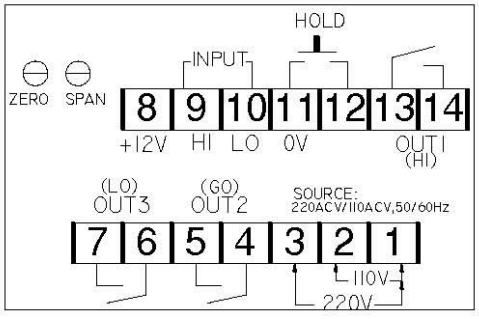
VU-51Kxx



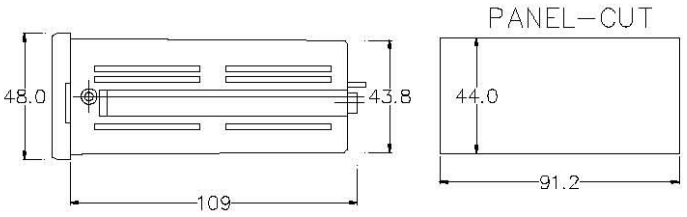
VU-52Kxx



VU-53Kxx



■ Panel Dimension & Cutout



■ Installation Diagram